ROCWARE®
www.rocware.com

Mini USB Video Bar (Owl)

RC08

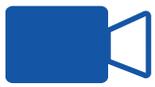| Three-in-one | 1080P **FULL HD** | Built-in Mic | Audio 3A Algorithm | Full-range Speaker |

RC08 is a mini USB audio-video all-in-one device designed specifically for small meeting rooms and personal offices. It integrates a high-definition camera, omnidirectional microphone, and full-range speaker in a three-in-one design, greatly simplifying the wiring process. With USB connectivity, it can be used instantly without any configuration, making video conferencing simple and enjoyable.

INTEGRATED BIONIC DESIGN

CAM   **MIC**   **SPK**

The integrated design combines a high-definition camera, highly sensitive omnidirectional microphone, and full-range speaker in one device, allowing for easy plug-and-play setup with simple wiring. The unique bionic design provides an excellent audiovisual conference experience.

FULL HD WIDE-ANGLE LENS

Equipped with a high-quality HD CMOS sensor, it offers a maximum output of 1080@30fps/25fps image encoding. The horizontal field of view can reach 90°, ensuring distortion-free images at the edges.
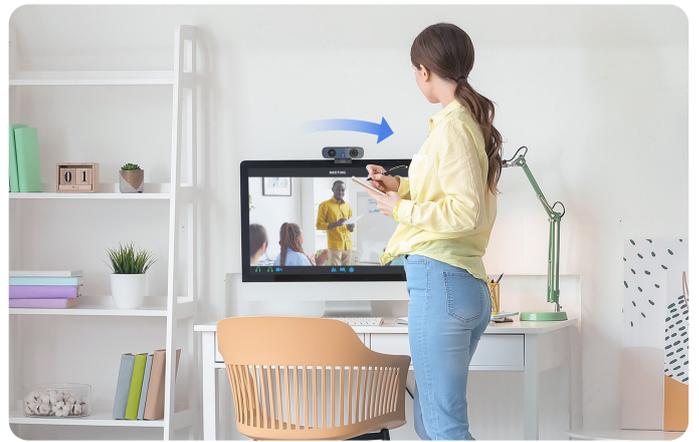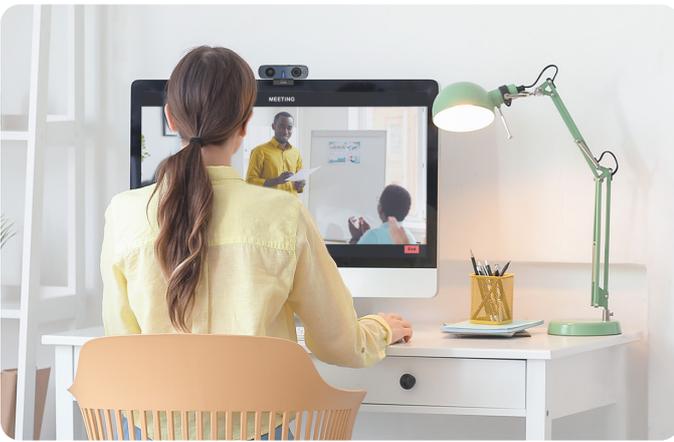
360° OMNIDIRECTIONAL PICKUP

With a digital microphone, it achieves 360° pickup sensitivity of -30±2dB. The volume automatic gain control algorithm ensures balanced and clear audio pickup from any position.

AUDIO 3A ALGORITHM

It features a built-in Audio 3A algorithm (AEC/AGC/ANS) for full-duplex conversation. It automatically balances volume levels during audio capture while effectively suppressing noise, resulting in clear and balanced sound quality.

ELECTRONIC PAN-TILT

The device incorporates an electronic pan-tilt mechanism, eliminating the need for mechanical rotating devices. It offers precise rotation, noise-free operation, and enhanced durability. It also supports 4X digital zoom.

PRIVACY COVER DESIGN, EASY INSTALLATION

BUILT-IN PRIVACY COVER

The camera is equipped with an integrated sliding privacy cover that can be closed at any time to protect the privacy of participants. It can be easily installed using a damping rotating axis bracket, compatible with almost 100% of the monitors available in the market. The installation process is simple, stable, and reliable.

RC08 SPECIFICATIONS

▼ CAMERA

Sensor	1/2.8'', CMOS, 2.07 Megapixels
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focal length: f=2.8mm, Horizontal field Angle: 90°
AF	Support
Minimal Illumination	0.5 Lux @ (F2.0, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Manual, Adjustable color temperature
Camera Bracket	Standard equipped damped rotating bracket
Physical Privacy Shielding	Support
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Digital Zoom	4X

▼ USB FEATURES

Operating System	Windows® 7 (only 1080P and below support), Windows 8.1, Windows 10 or higher macOS™ 10.10 Or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux (Support UVC)
Hardware Requirements	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB memory or higher USB 2.0
Color System /Compression	YUY2 / H.264 / MJPEG
Video Format	1080P30/25, 720P30/25, 960x540P30/25, 640x360P30/25
USB Video Communication Protocol	UVC 1.1
UAC	Support
UVC PTZ Control	Support (ePTZ)

▼ AUDIO FEATURE

Audio Algorithm	AEC / AGC / ANS
Full-range Speaker	82dB SPL at 0.5m
Microphone	360° omnidirectional microphone, Sensitivity : -30±2dB

▼ GENERAL SPECIFICATION

Power	5V (USB-powered)
Input Current	0.5A
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	2.5W
Dimension	121mm(W)x32mm(D)x31mm(H)(Stent-free)
Weight	0.1kg

▼ INPUT / OUTPUT INTERFACE

USB	1x USB 2.0, Type-C

16 YEARS

Independent Research and Development

Localized Audio and Video Technology

For 16 years since its establishment, Rocware has adhered to independent research, development and innovation, continuously invested in improvement, and fully mastered the core algorithm technology in the field of audio and video. The entire product line is independently controllable, safe, reliable, and highly competitive.

Own Factory

Complete Self-owned Supply Chain

Rocware has its own factory, it can independently complete part of the mold design and manufacturing, CNC processing, plastic injection molding and other basic material production. It also has an internationally advanced high-speed double-sided PCB SMT line, precision equipment assembly and testing line, to ensure product quality and stable supply.

800-416-1895

Well-developed After-sales Support System

Rocware has set up five major marketing centers around the world, with more than 30 after-sales service outlets. It provides 7*12 hour customer service telephone support, as well as various online and offline technical support and after-sales services to comprehensively ensure the user experience.

Rocware Corporation

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